



UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chinnappa KODIRA et al.

Art Unit: 1647

Serial No.: 09/633,145

Examiner: S. Wegert

Filed: August 21, 2000

Atty. Docket: CL000747

For: ISOLATED HUMAN G-PROTEIN COUPLED  
RECEPTORS THAT ARE MEMBERS OF THE  
AMINERGIC SUBFAMILY, NUCLEIC ACID  
MOLECULES ENCODING HUMAN GPCR  
PROTEINS, AND USES THEREOF

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**Response to Nonfinal Office Action**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action issued by Examiner Wegert on December 16, 2002, Applicants request reconsideration of the above-referenced patent application in view of the following amendments and remarks. A two-month Petition for Extension of Time is filed herewith.

**REMARKS**

**Rejection under 35 USC §101 and §112, 1<sup>st</sup> paragraph:**

The Examiner has rejected claims 4, 8, 9, and 24-29 under 35 U.S.C. §101 and §112, 1<sup>st</sup> paragraph. In summary, the Examiner has stated that the claimed isolated nucleic acid molecules lack a credible, specific and substantial utility or a well-established utility and, consequently, one skilled in the art would not know how to use the claimed invention.

On page 2-5 of the Office Action, the Examiner concluded that no well-established utility exists for isolated complex biological molecules.

The Examiner rejected claim for lack of specific or substantial utility

- 1) For the production of antibodies,
- 2) To make hybridization probes and primers to detect nucleic acid molecules that encode the polypeptide of SEQ ID NO:2 and to localize receptor expression in tissue samples.